

## University of Groningen

### Prostate Specific-Antigen Testing Policy

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# QUESTIONNAIRES

## **Questionnaire 1. General physicians' questionnaire on knowledge regarding prostate cancer, PSA testing and its guidelines**

- 1. I have knowledge of the NHG guideline ("Bemoeilijkte mictie bij oudere mannen") concerning the use of PSA testing.**
  - a. Yes.
  - b. No.
  
- 2. I agree with the NHG guideline.**
  - a. Yes.
  - b. No.
  - c. I don't know.
  
- 3. I follow the NHG guideline.**
  - a. Always.
  - b. Most of the time.
  - c. Sometimes.
  - d. Never.
  
- 4. When don't you follow the NHG guideline?**

....
  
- 5. Please estimate the prostate cancer risk in men of the following age categories:**
  - a. Younger than 50 years:
    - a. <1%.
    - b. 1-2%.
    - c. 2-5%.
    - d. 5-10%.
    - e. 10-25%.
    - f. 25-50%.
    - g. >50%.

b. 50 to 60 years:

- a. <1%.
- b. 1-2%.
- c. 2-5%.
- d. 5-10%.
- e. 10-25%.
- f. 25-50%.
- g. >50%.

c. 60 to 70 years:

- a. <1%.
- b. 1-2%.
- c. 2-5%.
- d. 5-10%.
- e. 10-25%.
- f. 25-50%.
- g. >50%.

d. 70 to 80 years:

- a. <1%.
- b. 1-2%.
- c. 2-5%.
- d. 5-10%.
- e. 10-25%.
- f. 25-50%.
- g. >50%.

e. Older than 80 years:

- a. <1%.
- b. 1-2%.
- c. 2-5%.
- d. 5-10%.
- e. 10-25%.
- f. 25-50%.
- g. >50%.

**6. Prostate cancer risk in older men with Lower Urinary Tract Symptoms (LUTS) is:**

- a. Higher than in men without LUTS.
- b. The same as in men without LUTS.
- c. Lower than in men without LUTS.
- d. I don't know.

**7. Is early detection of prostate cancer useful?**

- a. Yes, for all men.
- b. Yes, but only for patients with . . . .
- c. Yes, but it is unknown which patients would benefit.
- d. No.

**8. Treatment of prostate cancer that is diagnosed by screening:**

- a. Lowers general mortality
- b. Lowers prostate cancer specific mortality
- c. Doesn't influence mortality
- d. I don't know

## **Personal policy concerning PSA testing**

**A. Before requesting a PSA test, do you perform a Digital Rectal Examination (DRE)?**

- a. Always.
- b. Sometimes.
- c. Never.
- d. Free answer possibility: . . . .

**B. Does the result of DRE influence your decision to request a PSA test? (multiple answer possibilities)**

- a. No, I don't perform a DRE. A PSA test is enough to consider the diagnosis of prostate cancer.
- b. No, DRE is for thoroughness.
- c. Yes, when DRE is abnormal I refer to a urologist and I don't request a PSA test.
- d. Yes, when DRE is normal, a PSA test is unnecessary.
- e. Free answer possibility: . . . .

**C. Which PSA threshold value do you use for referral to a urologist in men of the following age categories?**

- a. Younger than 50 years:
  - a. >3 ng/ml.
  - b. >4 ng/ml.
  - c. >5 ng/ml.
  - d. >6 ng/ml.
  - e. >10 ng/ml.
  - f. Free answer possibility: . . . .
  
- b. 50 to 60 years:
  - a. >3 ng/ml.
  - b. >4 ng/ml.
  - c. >5 ng/ml.
  - d. >6 ng/ml.
  - e. >10 ng/ml.
  - f. Free answer possibility: . . . .
  
- c. 60 to 70 years:
  - a. >3 ng/ml.
  - b. >4 ng/ml.
  - c. >5 ng/ml.
  - d. >6 ng/ml.
  - e. >10 ng/ml.
  - f. Free answer possibility: . . . .
  
- d. More than 70 years:
  - a. >3 ng/ml.
  - b. >4 ng/ml.
  - c. >5 ng/ml.
  - d. >6 ng/ml.
  - e. >10 ng/ml.
  - f. Free answer possibility: . . . .

**D. When a patient asks for a PSA test:**

- a. I request a PSA test.
- b. I inform the patient about the limitations of PSA testing, and then I usually request a PSA test.
- c. I inform the patient about PSA testing and in a next consultation we decide whether or not to request a PSA test.
- d. Essentially, I don't request PSA tests.
- e. Free answer possibility: . . . .

**General questions regarding the physician:**

- 1. Age: . . . .
- 2. Gender: . . . .
- 3. Work experience in current specialty since: . . . .
- 4. Number of patients seen on one day: . . . .

**General questions, only for general practitioners:**

- 1. The number of patients in your practice: . . . .
- 2. What is the socio-economic status of the patients in your practice?
  - a. Mostly high.
  - b. Average.
  - c. Mostly low.
  - d. High as well as low.

## Questionnaire 2. Patient-specific physicians' questionnaire

### 1. What was the reason for the PSA test?

- a. Follow-up for prostate cancer. *If yes, than the questionnaire ends here.*
- b. Patients' request.
- c. Routine check.
- d. Complaints possibly indicating prostate cancer.
- e. Abnormal DRE possibly indicating prostate cancer.
- f. Follow-up testing after previous abnormal PSA test result.
- g. Combined with other lab tests without the presence of LUTS or possible prostate cancer.
- h. Patient altered laboratory form to include a PSA test.

### 2. Prior to PSA testing, I explained to my patient that the use of a PSA test is (multiple answer possibilities):

- a. Screening for prostate cancer.
- b. Evaluating possible prostatitis.
- c. Evaluating LUTS.
- d. None of the above.
- e. Free answer possibility: . . .

### 3. Prior to PSA testing, I informed my patient about the pros and cons of the test:

- a. Yes.
- b. No.

### 4. Prior to PSA testing, I informed my patient about the consequences of an abnormal PSA test result (multiple answer possibilities):

- a. No information provided.
- b. Referral to a urologist.
- c. Repeating the PSA test.
- d. Possible prostate biopsies.
- e. Unnecessary distress.
- f. Free answer possibility: . . .

### 5. Prior to PSA testing, I informed my patient that prostate biopsies are necessary to confirm the presence of prostate cancer.

- a. Yes.
- b. No.



- 6. Prior to PSA testing, I informed my patient that PSA testing can also detect clinically irrelevant prostate cancers.**
  - a. Yes.
  - b. No.
  
- 7. Prior to PSA testing, I evaluated whether the patient understood the provided information about the PSA test.**
  - a. Yes.
  - b. No.
  
- 8. Prior to PSA testing, I provided my patient with written information about the PSA test.**
  - a. Yes.
  - b. No.
  
- 9. Did the patient visit your practice because of LUTS?**
  - a. Yes.
  - b. No.
  
- 10. Did you perform a DRE prior to PSA testing?**
  - a. Yes.
  - b. No.
  
- 11. If a DRE was performed, what was the result?**
  - a. Normal.
  - b. Enlarged.
  - c. Suggestive of prostate cancer.
  - d. Not completely clear.
  
- 12. I informed my patient that his estimated prostate cancer risk was:**
  - a. Low.
  - b. Higher than average.
  - c. I did not provide information about this.

**13. After the PSA test, I:**

- a. Reassured my patient and told him that his prostate cancer risk was low.
- b. Reassured my patient and told this older man that despite the elevated PSA result he will probably never develop clinically relevant prostate cancer.
- c. Told my patient that it is necessary to repeat the test in the future to monitor PSA levels.
- d. Told my patient that I will refer him to a urologist for further tests on prostate cancer.
- e. Did not inform my patient about the test result.
- f. Free answer possibility: . . . .

**14. Are there any reasons why we should not contact the patient?**

- a. No, you can contact my patient.
- b. Yes, you should not contact the patient, because there is a language barrier.
- c. Yes, you should not contact the patient, because he recently experienced a Major Life Event.
- d. Yes, you should not contact the patient, because . . . .

## Questionnaire 3. Patients' questionnaire

### 1. Who initiated the PSA test?

- a. I did.
- b. My physician.
- c. I don't know.
- d. I modified the lab form to include the PSA test without consulting my physicians.
- e. I did not know that a PSA test was performed.

### 2. Why did you request a PSA test from your physician? (multiple answer possibilities):

- a. I was concerned because of prostate problems in my family;  
I worry about . . .
- b. I was concerned because of prostate problems of someone I know;  
I worry about . . .
- c. I undergo regular health checks; I worry about . . .
- d. Because I have voiding difficulties.
- e. Free answer possibility: . . .

### 3. Why did your physician request a PSA test?

- a. I underwent an extensive check and my physician also wanted to include a PSA test.
- b. Prostate problems, namely . . .
- c. My physician did not give a reason.
- d. Free answer possibility: . . .

### 4. Prior to PSA testing, did your physician inform you about the PSA test? (multiple answer possibilities):

- a. My physician only mentioned that a PSA test would be conducted.
- b. My physician explained the usefulness of a PSA test, namely . . .
- c. My physician explained the consequences of an elevated PSA test result, namely . . .
- d. My physician provided me with written information about the PSA test.

### 5. Prior to PSA testing, did you have voiding difficulties?

- a. Yes.
- b. No.

**6. Prior to PSA testing, did your physician perform a digital rectal exam?**

a. Yes.

b. No.

**7. Are you concerned about certain illnesses?**

a. Yes, namely . . . .

b. No.

**8. If there is any information about the PSA test that we haven't asked about or that you could not include in the answers, please write it down below:**

. . . .

